

2GFM GAS FLOW METER

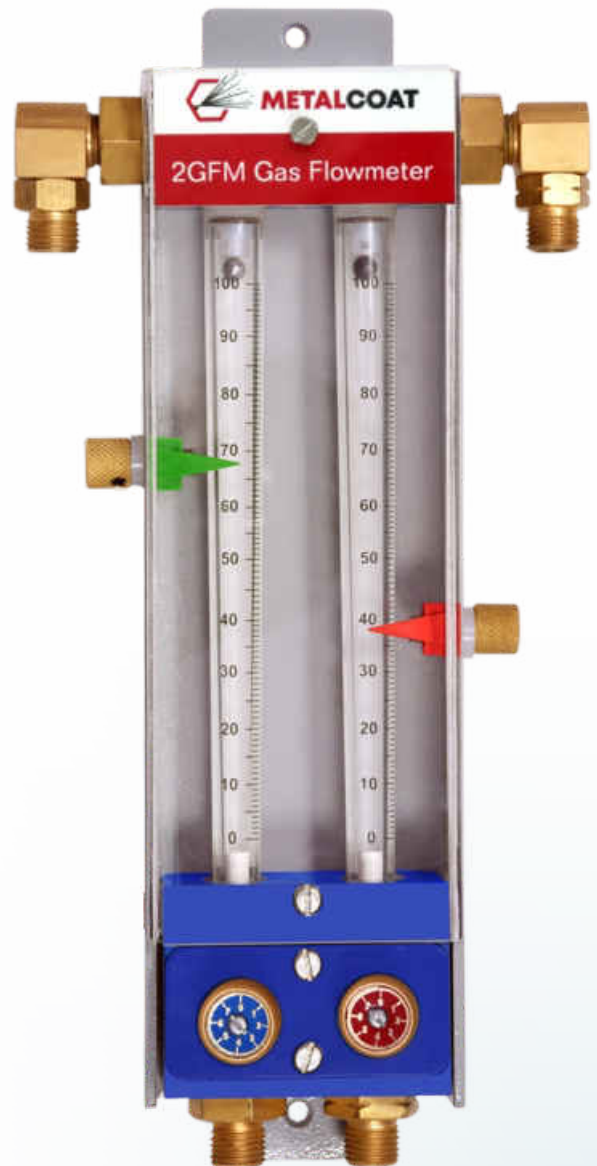
GAS FLOW METER FOR WIRE FLAME SPRAY AND POWDER FLAME SPRAY

The 2GFM Gas Flow Meter is a highly accurate and reliable instrument for regulating and measuring the flow of both oxygen and fuel gas in a manual powder or wire combustion spray system.

The 2GFM allows the operator to easily monitor and maintain gas flow. Proper flow is crucial in order to heat and atomize wire material and help prevent overheating the equipment.

The 2GFM has precision needle valves, actuated by adjustment knobs on the front panel, that control the flow of gas. When adjusted to values found in the gun spraytables, user will achieve maximum bond strength and optimal coating quality. As an additional safety feature, each meter incorporates a check valve in the piping from the meter outlet to the combustion spray gun, which protects against high back pressure that could result from gun backfire and prevents any possibility of mixing of the process gases. It has plastic shield for safe operation.

The 2GFM supplied with percentage scale of 0-100.



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- ★ OXYGEN
- ★ FUEL
 - ACETYLENE
 - LPG / PROPANE
 - HYDROGEN
 - MAPP

SPARE PARTS LIST OF 2GFM

DESCRIPTION	PART NO.	ITEM
METERING TUBE	2GFM 2	
OXYGEN FLOAT	2GFM 3	
FUEL GAS FLOAT	2GFM 4	
NEEDLE VALVE HOUSING	2GFM 7	
HOUSING 'O' RING (SMALL)	2GFM 8	
HOUSING 'O' RING (LARGE)	2GFM 9	
NEEDLE VALVE	2GFM 10	
NEEDLE VALVE KNOB	2GFM 12	
KNOB SET SCREW	2GFM 13	
TUBE GASKET	2GFM 14	
OXYGEN DIAL PLATE (BLUE)	2GFM 19	
FUEL GAS DIAL PLATE (RED)	2GFM 20	
RETAINER & WINDOW MOUNT SCREW	2GFM 23	
NEEDLE VALVE RETAINER ASSY.	2GFM 22	
FLOW METER FRAME	2GFM 24	
BOTTOM MOUNTING BLOCK	2GFM 26	
LOWER FLOAT STOP (OXYGEN)	2GFM 27	
LOWER FLOAT STOP (FUEL)	2GFM 28	
PLUNGER	2GFM 29	
PLUNGER 'O' RING	2GFM 30	
PLUNGER SPRING	2GFM 31	
PLUNGER RETAINER SCREW	2GFM 32	

DESCRIPTION	PART NO.	ITEM
LOCK WASHER	2GFM 33	
UPPER FLOAT STOP	2GFM 34	
WINDOW	2GFM 36	
INDEX (RED)	2GFM 38	
INDEX (GREEN)	2GFM 39	
INDEX KNOB	2GFM 40	
KNOB SET SCREW	2GFM 41	
SPRING WASHER	2GFM 42	
PLASTIC WASHER	2GFM 43	
INDEX SCREW	2GFM 44	
INDEX NUT	2GFM 45	
OXYGEN INLET FITTING	2GFM 46	
FUEL GAS INLET FITTING	2GFM 47	
OXYGEN OUTLET FITTING	2GFM 48	
FUEL GAS OUTLET FITTING	2GFM 49	
ELBOW	2GFM 50	
CHECK VALVE RETAINER	2GFM 51	
CHECK VALVE	2GFM 52	
VALVE 'O' RING	2GFM 53	
TOP MOUNTING BLOCK ASSY.	2GFM 54	
'O' RING	2GFM 56	
UPPER FLOAT STOP 'O' RING	2GFM 58	